VERSION DESCRIPTION DOCUMENT

FOR THE

NASA PERSONNEL/PAYROLL SYSTEM

Software Release

9.0

PrISMS Contract

Date: December 11, 2003

National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, Alabama   35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 9.0**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

12/11/03

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 9.0**

Approved by

	12/11/03
Marisa Wofford	Date
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, AL

12/11/03

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APPENDICES

1.   INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software released for installation/implementation.

1.1   IDENTIFICATION OF THE RELEASE

System Name – NPPS

Release Number – Software Release **9.0**

The release datasets will be made available to the support Database Administrator (DBA) for installation, at which time all centers will be notified that it has been installed in the appropriate test database.

1.2   PURPOSE OF THE RELEASE

The purpose of this release is to implement the NPPS software allocated for this release in a test environment. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

1.3   SCOPE OF THE RELEASE

The VDD provides the functional and technical user of NPPS with the following information regarding changes to the contents and status of the application, NPPS Release **9.0**, including the following:

- Changes implemented since the last release

- References to other documents affected by this release

- Changes to application files and data formats

- Detailed software installation procedures

- Validation procedures to ensure the reliability of the software changes.

1.4   CONTACT POINTS

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words: SESAAS & NPPS)

Telephone: (256) 544-5516

E-Mail: billy.graham@msfc.nasa.gov

FAX: (256) 544-1836

2.   FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1   FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Predict changes related to this release.

2.2   FUNCTIONAL INTERFACES

Not Applicable

2.3   CRITICAL ISSUES

Not Applicable

2.4   AFFECTED DOCUMENTS

The following document will be affected by this release:

  NPPS System/Software Requirements Specification (SRS)
  NPPS-UOG-10, NPPS User and Operations Guide (UOG)
  Employee Express Interface Change Document (EEICD)

The modified pages of this document will be distributed under separate cover.

2.5   APPLICATION SYSTEM ADMINISTRATION

Not Applicable

3.   TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

3.1   TECHNICAL SYSTEM INTERFACES

Not Applicable

3.2   DATA DICTIONARY CHANGES

The data dictionary changes are detailed in Appendix D, Installation Instructions.

3.3   SOFTWARE OBJECT CHANGES

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4   DATABASE ADMINISTRATION

The specific database administration activities for NPPS 9.0 are detailed in Appendix D, Installation Instructions.

3.4.1   Release Dataset Names

The datasets for Software Release 9.0 are included in the Introduction of Appendix D, Installation Instructions.

3.4.2   Inventory of Objects

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4.3   Storage Considerations

Not Applicable

3. 4.4 Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

3.5   OPERATIONAL PREPARATION

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

ADP   Automated Data Processing

CPO   Consolidated Payroll Office

CSRS   Civil Service Retirement System

DBA   Database Administrator

DDM   Data Definition Module

DR   Discrepancy Report

EE   Employee Express

HQ   Headquarters (Center 1000)

HR   Human Resources

ICD   Interface Change Document

IG   Inspector General's Office

IRM   Information Resources Management

JCL   Job Control Language

L&E   Leave and Earnings Statement

MSFC   Marshall Space Flight Center

NACC   NASA ADP Consolidation Center

NASA   National Aeronautics and Space Administration

NPPS   NASA Personnel/Payroll System

RC   Requirements Change

SESAAS   Sustaining Engineering Support for Agencywide Administrative
            Systems

VDD   Version Description Document

APPENDIX B
GLOSSARY

GLOSSARY

Consolidation Center

Responsibility for processing and balancing payroll for all centers in the consolidated database.

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of an application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C

FUNCTIONAL CHANGE VALIDATION PROCEDURES

VALIDATION PROCEDURES
SOFTWARE RELEASE 9.0
PERSONNEL & PAYROLL

1. **20020126**

   A. **Purpose:** To implement CSRS Offset processing per OPM 02-304.

   B. **Test Procedure:** Select employees for testing.

      1) Go to TAEDIT and enter a valid timecard. Include additional pay hours such as overtime, night differential, etc.

      2) At the Command line, enter RETIRADJ. Enter values in all fields and review results.

      3) Run Job 4, Update Pay History.

      4) Run Job 6, Payroll Initialization.

      5) Run Job 9, Normals Recalculation.

      6) Run Job 20, End of Year Update.

      7) Run Job NA00201, Transaction Report.

   C. **Validation:**

      1) Verify that values on QREG are valid for CSRS offset employees.

      2) Verify that CSRS changes to RETIRADJ are correct:

         A 3-star message will be displayed if OFFSET YTD FULL ADJ and OFFSET YTD REDU ADJ added together do not equal CSRS-YTD-ADJ (for retirement code 'C' and 'E' only).
         *** CSRS YTD ADJ MUST EQUAL OFFSET YTD FULL ADJ + OFFSET YTD REDU ADJ

         A 3-star message will be displayed if OFFSET YTD FULL ADJ or OFFSET YTD REDU ADJ are entered for employees who do not have for retirement code 'C' or 'E'.
         *** CSRS OFFSET AMOUNT NOT VALID FOR THIS RETIRE CODE / ANNUINTANT IND

         Check that processing of Civil Service, Military Deposit and the original 5 Prior CSRS fields on RETIRADJ have not been changed.

3) Verify that Job 4 (History Update) has updated the following fields on the RETIRADJ screen. This requires that the ADJ field (before) be added to the total fields (after).
CSRS YTD
YTD ADJ
OFFSET YTD FULL
OFFSET YTD FULL ADJ
OFFSET YTD REDU
OFFSET YTD REDU ADJ

4) Verify that Payroll Initialization has reset CSRS on QREG to 0/blank.

5) Verify that Normals Recalculation for CSRS Offset employees is correct. An online change should be done to recalculate normals using the online software. Verify that the online normals match the batch normals previously verified.

6) Verify that the End of Year Update process resets to 0/blank the following fields on the RETIRADJ screen:
OFFSET YTD FULL
OFFSET YTD FULL ADJ
OFFSET YTD REDU
OFFSET YTD REDU ADJ
CSRS YTD
YTD ADJ

2. **20030090**

A. **Purpose:** To add NOAC 849 to Report 818 and others.

B. **Test Procedure:** Select SES employees for testing.

1) Go to PERACT and give an employee a NOAC 849 with award type that is not 'Q'.

2) Go to PERACT and give an employee a NOAC 849 with award type 'Q'.

3) Load the NPS2-PERACT-INT file with a duty status 'Z' employee and NOAC 849. Run NE00366.

4) Go to the MAWARD screen and give an employee a NOAC 849.

5) Print an SF52 and SF50 for the employee with NOAC 849 and award type 'Q'.

6) Mature the PERACT transaction for the employee with NOAC 849 and award type 'Q'.

7) Give the employees good time cards.

8) Run CA00818.

C. **Validation:**

1) Verify that TOPMMSG edit 'AWX' was received when an award type other than 'Q' was entered for NOAC 849.

2) Verify that NOAC 849 and award type 'Q' matured successfully.

3) Verify that the NOAC 849 / Award type 'Q' did not load successfully when NE00366 was run and that an error message was received saying the employee was inactive.

4) Verify that an edit was received when NOAC 849 was entered on the MAWARD screen stating that it was not a valid award for this screen.

5) Verify that the SF50 and SF52 for NOAC 849 had the following data blocks blank: 7-14, 16-19, 21, 20A-20D, 29.

6) Verify that the NOAC 849 award money was reported on Report 818 in the ALL OTHER CASH AWARDS line item.

3. **20030091**

A. **Purpose:** To show that allotment account numbers are no longer truncated on Report 201.

B. **Test Procedure:** Select employees for testing.

1) Go to the ALLOT screen and change the account numbers. The new account numbers must be 17 bytes long.

2) Go to the ALLOT screen and change the account numbers again. Both must be 17 bytes long again.

3) Run CA00201.

C. **Validation:** Verify that both the TO and FROM values for the second transaction done are showing the full 17-byte values and neither are truncated/wrapped.

4. **20030092 – Emergency Release**

A. **Purpose:** To show that Ohio City Taxable Wages are no longer being reduced by Flexible Spending Account deductions.

B. **Test Procedure:** No additional testing was done on this for this release. Testing was completed for the earlier emergency release.

5. **20030093 – Emergency Release**

A. **Purpose:** To show that compensatory time can now be extended more than once.

B. **Test Procedure:** No additional testing was done on this for this release. Testing was completed for the earlier emergency release.

6. **20030094**

   A. **Purpose:** To show that the Consolidated Payroll Office (CPO) unique changes to Report 406 for HQ reporting have now been made into a new job (CA00606) and report (Report 606).

   B. **Test Procedure:** Select employees for testing.

      1) Give employees good time cards.

      2) Run CA00606.

      3) Run a parallel on the CPO side against their CPO-unique Report 406.

   C. **Validation:**

      1) Verify that the information on Report 606 is HQ and Inspector General's (IG) Office specific.

      2) Verify that the new 606 Report shows the same information as the old 406 unique report.

7. **20030095**

   A. **Purpose:** To show that Report 460 will have additional fatal errors.

   B. **Test Procedure:** Select employees for testing that have Long Term Care (LTC) and put them on an incoming dataset.

      1) Edit the incoming dataset and put alpha characters in place of the numeric deduction characters.

      2) Run CA00460.

   C. **Validation:** Verify that a fatal error is received in the BJS message log AND in the TSO output queue.

8. **20030096 – Emergency Release**

   A. **Purpose:** To show that the employee first name starts in the correct column per the Employee Express Interface Change Document (EEICD) in the outgoing EE dataset.

   B. **Test Procedure:** No additional testing was done on this for this release. Testing was completed for the earlier emergency release.

9. **20030097- Emergency Release**

   A. **Purpose:** To show that Compensatory Time (CT) extensions will be done automatically by a new program to be run after CA00003.

   B. **Test Procedure:** No additional testing was done on this for this release. Testing was completed for the earlier emergency release.

10. **20030098**

   A. **Purpose:** To show that Thrift Savings Plan (TSP) Catch Up (CU) Adjustments will be shown as a separate field in the Leave and Earnings (L&E) dataset that is sent to EE.

   B. **Test Procedure:** Select employees for testing that have TSPCU Adjustments.

      1) Give the employees good time cards.

      2) Run CAEE006.

   C. **Validation:** Verify that the dataset has code '205' and the correct TSPCU amount.

11. **20030099**

   A. **Purpose:** To show the Employee Express Interface Change Document (EEICD) has been modified.

   B. **Test Procedure:** View the EEICD for each of the incoming dataset layouts.

   C. **Validation:** Verify that the record length is now 3,120 bytes with filler from byte 481 to 3,120.

12. **20030100**

   A. **Purpose:** To show the correct Maryland State Tax deduction will be withheld when CA00003 runs and that normals will be calculated correctly.

   B. **Test Procedure:**

      1) Screen print a Maryland employee's TTAX screen.

      2) Run CA00009.

      3) Give the employee a good time card and run CA00003.

   C. **Validation:**

      1) Compare the deduction on QREG with the algorithm in SRS Appendix L.

      2) Compare the deduction on QNORM with the QREG deduction they should match.

13. **20030105**

   A. **Purpose:** To show that edit PND has been deleted.

   B. **Test Procedure:** Select non-ES employees for testing.

      Go to the PERACT screen and enter Pay Plan of 'ES' for an employee.

   C. **Validation:** Verify that the edit 'PND' was not received.

14. **20030109**

    A. **Purpose:** To show SSN has been added to the Non-EFT file in accordance with SRS Appendix N.

    B. **Test Procedure:** Select employees for testing who have Child Support payments.

        1) Give the employees a good time card.

        2) Run CA00004.

    C. **Validation:**

        1) Verify that the SSN shows up in columns 180 - 188.

        2) Verify that the first 11 bytes of the Child Support Remarks are in columns 189 – 199.

15. **20030110**

    A. **Purpose:** To show that Flexible Spending Account (FSA) deductions will reduce Ohio City Taxes.

    B. **Test Procedure:** Select employees for testing that are participating in FSA and have Ohio City tax codes on their CTAX screens.

        1) Give the employees a good time card.

        2) Check the QREG screen.

        3) Check the YTDADJ1 screen.

    C. **Validation:**

        1) Verify that the QREG edit matches the calculations in SRS Appendix L for Ohio cities.

        2) Verify that the correct, reduced, wages are going to the YTDADJ1 screen for city wages.

16. **20030113**

    A. **Purpose:** To show that NPPS will accept a zero marital status from Employee Express and will send one back in the outgoing file.

    B. **Test Procedure:** Select employees for testing who have Alabama state tax deductions and are not currently single with no exemptions and a 'Y' for Dependent of another.

        1) Run CAEE001 with an incoming EE dataset matching the 0042 record type layout in the EEICD. The record should have a zero for marital status and 00 (two zeros) for exemptions.

        2) Run CA00001 to mature the Alabama state tax transaction.

        3) Screen print the employee's FTAX screen.

        4) Change the employee's FTAX screen to add an additional amount.

C. **Validation:**

1) From the FTAX screen print validate that the employee's FTAX screen has a 'S' for single in the Marital Status field, blank in the exemptions field, and a 'Y' in the Dependent of Another field.

2) Validate that the outgoing dataset matches the record layout in the EEICD. The marital status field should be zero and the exemption field 00 (two zeros).

NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 9.0
12/11/03

The purpose of this release is to implement the changes allocated to software release 9.0 described below.

SOFTWARE RELEASE 9.0

RC 1620s IMPLEMENTED

CCR	Description
20020126	CSRS Offset
20030090	Add NOAC 849 to Report 818
20030093	Remove EXTCT Edit **(ER)**
20030094	Incorporate CPO-Uniques
20030095	Add NAB460I LTC Logic
20030097	Comp Time Extensions **(ER)**
20030098	Add TSPCU Adjustment to EE L&E
20030099	EEICD Documentation Only
20030100	Maryland State Tax Change
20030105	Delete PND Edit
20030109	Child Support – Add Employee SSN
20030110	Add FSA to Ohio Cities
20030113	Add Zero for AL via EE

***** RECORD COUNT = 13**

DR 1620s IMPLEMENTED

CCR	Description
20030091	Report 201 – Allot Acct Nbrs
20030092	FSA YTD Being Reduced for Ohio Cities **(ER)**
20030096	Employee First Name in Wrong Column **(ER)**

***** RECORD COUNT = 03

APPENDIX D
INSTALLATION INSTRUCTIONS

NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 9.0
12/11/03

Introduction

Release Date – December 11, 2003

Release Inventory:

Dataset Names:

The following dataset is located on the transient storage DASD volumes under the following dataset name:

- MSMOV.NPPS.PROD.R900.R1203.SRC
- MSMOV.NPPS.PROD.R900.R1203.GLS
- xxMOV.NPPS.PROD.R900.R1203.PRD

Physical media:
    VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & NPPS):

    Telephone: (256) 544-5516
    E-Mail: billy.graham@msfc.nasa.gov
    Fax: (256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

 1.0 Backup Existing Data
 2.0 Copy Source/Object Code
 3.0 Pre-Predict Data Conversion
 4.0 Install Predict
 5.0 Install Data Glossary
 6.0 Catalogue Source Code
 7.0 Post-Predict Data Conversion
 8.0 JCL/BJS/Xerox Modifications
 9.0 Special Instructions
10.0 Installation Checklist

1.0   BACKUP EXISTING DATA

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.

2.0   COPY SOURCE

2.1   Copy Source Modules

When installing software release 9.0, load the NPPS new and modified programs from dataset MSMOV.NPPS.PROD.R900.R1203.SRC using the Natural utility NATLOAD. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type

Global Data Areas   0
Copycode   0
Maps   21
Helproutines   0
Subroutines   1
Subprograms   6
Local/Param Data Areas   2
Programs   44
Text   0
Process   0
Miscellaneous Objects   0
==============================
Total Programming Objects   74
Total Views Unloaded   0
Total Objects Read   74
Total Object Unloaded   74

2.2   List of Source Code Modifications

The following is a list of all modules that were modified for the software release 9.0.

MODULE	DESCRIPTION
EEB001	Incoming EE File
EEB002	Outgoing EE File
NAO1321	Extended Compensatory Time (CT)
NAO3150D	Official Pay Record
NAO3160B	Official Pay Record - Backout
EEB006	Leave and Earnings File for the Web
NAB418	W-2 Report
NAB460I	1st LTC Interface Program
NAB6050	End Of Year Update
NAB6080	Normals Recalculation
NAB6080B	Normals Recalculation
NAB6110	Employee Non-EFT Net Pay
NAB6161	History Update Part 2
NAB818	Source of Funds Report
NAB818B	Source of Funds Report
NAL3161B	Local Data Area
NAL6161A	NPS2-PAYHIST-TWO
NAM1443A	RETIRADJ Screen 1

MODULE	DESCRIPTION
NAM1443B	RETIRADJ Screen 2
NAO1443	Retirement Adjustments
NAO1443A	Load db fields to map/file
NAO1443B	Load db fields to map/file
NAO1443C	Load db fields to map/file
NAO3150B	Official Pay Record - HIT-FICA
NAO9102	Normals Recalculation
NAO9120O	Calculate State Tax
NAO9120R	Calculate City Tax
NEB9400	Personnel Actions Interface
NEO1918	Relational Edit Module
NEO1956	Relational Edit Module
NEO4030	SF50 Suspense Trans Selection
NEO4040	SF50 To/From Print Fields
NEO4050	SF50 Print Fields
NEO4130	SF52 Suspense Trans Selection
NEO4140	SF52 To/From Print Fields
NEO4150	SF52 Print Fields
NEO9070	Mass Award Screen
NSS1900K	Get Pay Fields
NSS201A	Report 201 - Allot Acct Nbrs
NSS201LL	Rpt 201 Transaction for RETIRADJ
NSS6161	PAYHIST-TWO STORE

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2.3   List of Source Code Additions

The following is a list of all modules that were created for the software release 9.0.

MODULE	DESCRIPTION
NAB470	Comp Time Extensions
NAB606A	SF1166 Voucher & Schedule Of Payments
NAB606AA	SF1166 Voucher & Schedule Of Payments
NAB606B	SF1166 Voucher & Schedule Of Payments
NAB606C	SF1166 Voucher & Schedule Of Payments
NAB606D	SF1166 Voucher & Schedule Of Payments
NAB606E	SF1166 Voucher & Schedule Of Payments

MODULE	DESCRIPTION
NAB606F	SF1166 Voucher & Schedule Of Payments
NAB606G	SF1166 Voucher & Schedule Of Payments
NAB606H	SF1166 Voucher & Schedule Of Payments
NAB606I	SF1166 Voucher & Schedule Of Payments
NAB606J	SF1166 Voucher & Schedule Of Payments
NAB606K	SF1166 Voucher & Schedule Of Payments
NAF606A	SF1166 Voucher & Schedule Of Payments
NAF606AA	SF1166 Voucher & Schedule Of Payments
NAF606B	SF1166 Voucher & Schedule Of Payments
NAF606BB	SF1166 Voucher & Schedule Of Payments
NAF606C	SF1166 Voucher & Schedule Of Payments
NAF606D	SF1166 Voucher & Schedule Of Payments
NAF606E	SF1166 Voucher & Schedule Of Payments
NAF606F	SF1166 Voucher & Schedule Of Payments
NAF606G	SF1166 Voucher & Schedule Of Payments
NAF606H	SF1166 Voucher & Schedule Of Payments
NAF606I	SF1166 Voucher & Schedule Of Payments
NAF606J	SF1166 Voucher & Schedule Of Payments
NAF606K	SF1166 Voucher & Schedule Of Payments
NAF606L	SF1166 Voucher & Schedule Of Payments
NAF606M	SF1166 Voucher & Schedule Of Payments
NAF606N	SF1166 Voucher & Schedule Of Payments
NAF606O	SF1166 Voucher & Schedule Of Payments
NAF606P	SF1166 Voucher & Schedule Of Payments
NAF606Q	SF1166 Voucher & Schedule Of Payments
NPTL0060	Maryland State Tax Conversion

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2.4   List of Source Code Deletions

Not applicable

3.0   PRE-PREDICT DATA CONVERSION

Not applicable

4.0   INSTALL PREDICT

4.1   Data Dictionary Changes

This release includes the enhancements for version 9.0. Details for changes in this release can be found under paragraph 4.1.3, Physical File Changes, or by performing Predict reporting on the keyword NPPS-9.0.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.NPPS.PROD.R900.R1203.PRD.

The following NPPS Data Definition Modules (DDMs) should be generated after the PREDICT load is complete.

NPS2-PAY-MASTER
NPS2-PAY-PHYSICAL
NPS2-PAYHIST-TWO

4.1.1   Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the PREDICT object modules for this release.

Predict Objects by Type:

Keyword   1
Standard Files   0
Conceptual Files   1
ADABAS Files and Views   12

4.1.2   Storage Considerations

The changes represented by this release should not affect storage requirements.

4.1.3   Physical File Changes

Use the ADABAS Utility commands listed below to build the JCL for the file changes. Cut and paste the ADADBS control statements directly into the TSO ISPF editor. Call RICK BISHOP (256) 544-5352 with any questions or problems.

Add the following fields:

NPS2-PAY-PHYSICAL   File # 227

```
Ty L Field ID                      F  Length   Occ   D U DB S
*- - ------------------------------ *- -------- ----- * * -- *
   1 PAY-CSRS-OFSET-YTD-FULL-AMT     N    8.2              CE N
   1 PAY-CSRS-OFSET-YTD-REDU-AMT     N    8.2              CI N
```

Using the following commands:

```
//DDKARTE  DD  *
ADADBS NEWFIELD FILE=227
ADADBS FNDEF='01,CE,10,U,NU'
ADADBS FNDEF='01,CI,10,U,NU'
/*
```

NPS2-PAYHIST-TWO   File # 226

```
Ty L Field ID                      F  Length   Occ   D U DB S
*- - ------------------------------ *- -------- ----- * * -- *
   1 CSRS-OFSET-YTD-FULL-HIST-AMT    N    8.2              UJ N
   1 CSRS-OFSET-YTD-REDU-HIST-AMT    N    8.2              UK N
```

Using the following commands:

```
//DDKARTE  DD  *
ADADBS NEWFIELD FILE=226
ADADBS FNDEF='01,UJ,10,U,NU'
ADADBS FNDEF='01,UK,10,U,NU'
/*
```

5.0   INSTALL DATA GLOSSARY

Load the ADABAS file NPS2-DATA-GLOSSARY (file #243, 4473 records) from the dataset MSMOV.NPPS.PROD.R900.R1203.GLS using the following ADABAS ADASAV utility commands.

```
ADASAV RESTORE OVERWRITE
ADASAV FMOVE=243
```

6.0   CATALOG SOURCE CODE

When installing software release 9.0, run a batch job to catalog (CATALL) all modules in the NPPS or other named library. It is not necessary to catalog the Global Data Area. The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

7.0   POST-PREDICT DATA CONVERSION

Not applicable.

8.0   JCL/BJS/Xerox MODIFICATIONS

Add new BJS JCL Catalog entry, BJS Job Directory entry, and BJS Report Directory entries for the Comp Time Extension process, and report.

CA00606 – New HQ SF1166 Voucher and Schedule of Payments
The NPPS Operational Support Team will use the current JCL they've been using for the CPO-unique runs with minor changes :
   1) TRW406A will be changed to NAB606A
   2) TRW406B will be changed to NAB606J
   3) TRW406C will be changed to NAB606K

A new BJS Job Record must be created :

```
                              NPPS BATCH JOB MAINTENANCE                 10:42:30
  NPO2347                        UPDATE JOB DIRECTORY
   NASA -------------------------------------------------------------------------
 FUNCTION: C    JOB NUMBER: CA00606


  RUN ORDER ------ CATEGORY CODE:          2            (1=PROCESS,2=REPORT,
                                                         3=USER INITIATED)
           ------ CATEGORY SEQUENCE:      7___
           ------ CATEGORY TYPE:          1            (1=PAY,2=PER,3=OTHER)
 JOB TITLE:                               SF1166 SCHED/VOUCH HQ_____


 AUTOMATIC SCHEDULE ---- RUN FREQUENCY:  0  (0=ON REQUEST, D=DAILY, W=WEEKLY,
                                             B=BIWEEKLY, M=MONTHLY, Q=QUARTERLY,
                                             A=ANNUALLY)


               ---- NEXT RUN DATE:  00 00 00   (MM DD YY)


 PARAMETER DATA REQUIRED:                 N          (Y OR N)
   ---------------------------------------------------------------------------
```

A new BJS Report Record must be created :

```
                    NPPS BATCH JOB MAINTENANCE                  14:31:51
NPO2319                 UPDATE BJM REPORT LIST
 NASA ----------------------------------------------------------------------


   FUNCTION C   REPORT NO. 606_____   JOB NO. CA00606_


   REPORT TITLE  606   SF1166 VOUCHER AND SCHEDULE OF PAYMENTS HQ__


            HARDCOPY    SIMPLEX    PRINT    TOTAL    PRIVATE
             FORM        OR        RECIP    PRINT    LABEL
            NUMBER      DUPLEX     LIST     COPIES


             NONE__       S         Y        1_        _


 MESSAGE      _____


 -------- PRINTER CONTROL FORMAT INSTRUCTIONS ----------------------------
  FORMAT=FMT7,_____


----------------------------------------------------------------------------
```

9.0   SPECIAL INSTRUCTIONS

9.1   Update NPPS Release Number

The following process will update the NPPS software numbers:
1.   Execute program TOOLVRSN from the Natural Command line.
2.   When installing software release 9.0, enter "9.0" for software version number.
3.   Press ENTER; a confirmation message displays.
4.   Press PF3 to exit the program.

9.2   Concurrent Table Updates

The following are included in NPPS Tables Release 2.7 and are needed to support software changes in this release.
1.   TNOAC – Add new 849 NOAC
2.   TAUTH – Add new AUTH codes for NOAC 849
3.   RREQFLD – Add screens A, C, and L for NOAC 849
4.   TOPMMSG – Add AWX message for NOAC 849
5.   TAWDTYP – Add award type Q for NOAC 849
6.   TOPMMSG – Delete PND edit
7.   TTAX – Maryland State Tax Changes

9.3   One-time Run Tool

NPTL0060 should be run after NPPS Tables Release 2.7 has been installed. This tool will convert existing Maryland state tax percentages to the new percentages. CA00009 should be run after this tool has successfully completed. This tool runs via TSO JCL in batch mode. An example of the JCL has been provided to the NPPS Operational Support Team.

10.0   INSTALLATION CHECKLIST

1.0   Backup Existing Data
2.0   Copy Source/Object Code
4.0   Install Predict
5.0   Install Data Glossary
6.0   Catalogue Source Code
8.0   JCL/BJS/Xerox Modifications
9.0   Special Instructions
10.0   Installation Checklist